| INFORMATION DISCLOSURE CITATION IN AN APPLICATION  O 1 P (PTO-1449) |   |  |              | 7 ATTY: DOCKET NO. 50006-138    |                      | SERIAL NO.<br>10/076,625 |   |                    |  |
|---|---|--|--------------|---------------------------------|----------------------|--------------------------|---|--------------------|--|
|   |   |  |              | APPLICANT Atsushi SAKAI, et al. |                      |                          |   |                    |  |
|   |   |  |              | FILING DATE February 19, 2002   |                      | GROUP 2848 -2/88         |   |                    |  |
| The manual  | RY C.   | U.   | .S. PATENT   | I DOCUME!                       | NTS                  |                          |   |                    |  |
| EXAMINATE INITIALS  | PATENT NO.  | DATE   | NAME         |                                 | CLASS                | SUBCLASS                 |   | IG DATE            |  |
| **  | 6,131,145   | 10/10/2000   | Matsubara    |                                 | 711                  | 137                      |   |                    |  |
|   | 0,151,111   | 10/10/2000   | 17141041041  |                                 | <u> </u>             | + '-'                    |   |                    |  |
|   | <del> </del>  |  | <del> </del> |                                 |                      | +                        |   |                    |  |
|   | <del> </del>  |  |              |                                 |                      |                          |   |                    |  |
|   |   |  | <del> </del> |                                 | _                    |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
|   | 1   | 1  |              |                                 |                      |                          |   |                    |  |
|   | <del>                                     </del>  | +  |              |                                 |                      |                          |   |                    |  |
|   |   |  | n            |                                 |                      |                          | \                                       |                    |  |
|   |   | LODI   | DICAL DATE   | CAIT DOCKE                      | TONTO ::             |                          | . ~ & #- \$- <b>%</b> c                 | NISS OFFICERS SEED |  |
| FOREIGN PAT   |   |  |              | FILT DOCOM                      | TENTO                |                          | 100000000000000000000000000000000000000 | nslation           |  |
| EXAMINER'S<br>INITIALS  | PATENT NO.  | DATE   | C            | COUNTRY                         | CLASS                | SUBCLASS                 |   | islation           |  |
|   |   |  |              |                                 |                      |                          | Yes                                     | No                 |  |
|   | <u> </u>  |  | <u> </u>     |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
| ·   |   |  |              | <del></del>                     |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
|   |   | +  |              |                                 |                      |                          |   |                    |  |
|   | OTHER   | RART (Inclu  | ding Autho   | r Title Date                    | Pertinent P          | ages Etc.)               |   |                    |  |
|   |   | Section 2 and a second section of the section of the second section of the section of the second section of the s | 2000 Hamman  | Table California                | 103-18 W 0 V W M 100 |                          | Pachee"                                 | Tion En            |  |
| X   |   | "Reducing Memory Penalty by a Programmable Prefetch Engine for On-Chip Caches" Tien-Fu Chen <i>Microprocessors and Microsystems</i> V.21 No. 2 (Oct. 1, 1997) pp. 121-130.   |              |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
| K.  | "SCIMA: Software Controlled Integrated Memory Architecture for High Performance Computing" Masaki Kondo et al., International Conference on Computer Design in Austin, TX |  |              |                                 |                      |                          |   |                    |  |
|   | (Sept. 17-20, 2000) pp.105-111  |  |              |                                 |                      |                          |   |                    |  |
|   | "SCIMA: A Novel Processor Architecture for High Performance Computing" Masaki Kondo   |  |              |                                 |                      |                          |   |                    |  |
| _   | High Performance Computing in the Asia-Pacific Region   |  |              |                                 |                      |                          |   |                    |  |
| R   | http://ieeexplore.ieee.org/ie15/6804/18265/00846477.pdf (May 14-17, 2000) pp. 355-360   |  |              |                                 |                      |                          |   |                    |  |
|   | map://tees.pioteneec.org/fe15/0004/10205/000404//.put (way 14-1/, 2000) pp. 555-500   |  |              |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
|   | L   |  |              |                                 |                      |                          |   |                    |  |
|   |   |  |              |                                 |                      |                          |   |                    |  |
| EXAMINER  | John,   |  |              | DATE CONSI                      | DERED ,,             | 16/2003                  |   |                    |  |
|   | John 11   |  |              |                                 | //                   | /6/2000                  |   |                    |  |